

RELOCATION BATCH PROCESSING FOR DISK DRIVES

ABSTRACT

A method is provided that minimizes the seek time necessary for relocating bad sectors found during data processing. During standard data processing in the prime disk area, identified bad sectors are saved in memory until after all of the data processing has been completed. The bad sectors are then relocated from memory in a batch process, thereby requiring only a single seek command to the defect management area. This procedure reduces the time penalty in the number of relocations to a near constant time and avoids a linear time penalty.